“Carbon capture solutions for decarbonization”

FILIPPO LOSSANI
Director, Marine B.U., Ecospray

ECOSPRAY®
technologies for the planet

market leader in **EGCS for Marine engines**

a global company that is part of **Carnival Corporation**

5% R&D investment to turnover

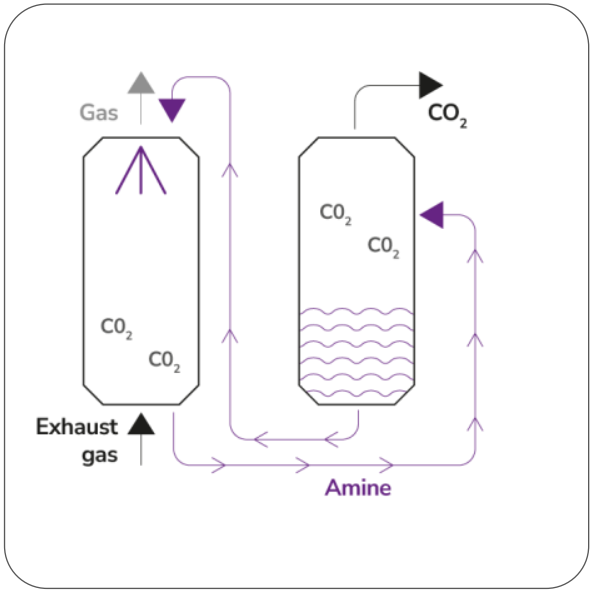
2 labs for in-house validation of test protocols, a **3rd lab** for fuel cell tests

800+ systems installed worldwide

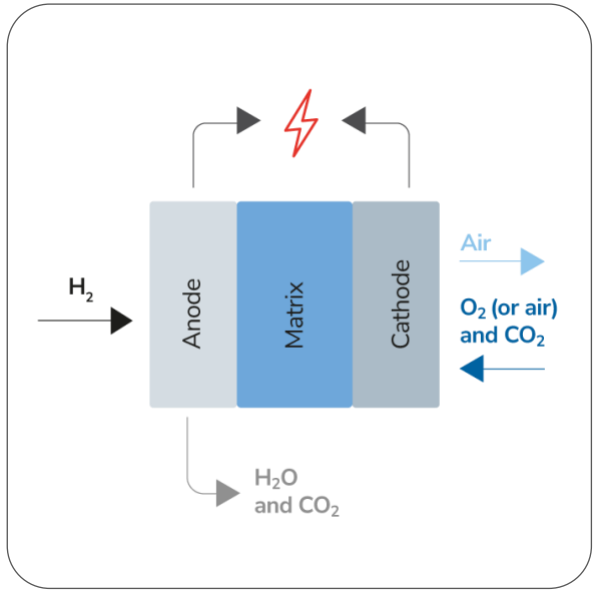
Ecospray started in 2005 as an engineering company.
For 15 years we have made marine and industrial processes more sustainable with the cleaning and treatment of polluting emissions.
Today we offer a wide range of **technological solutions**, driven by the target of creating **clean energy for a zero-emission Planet** for every industry.

our **Carbon Capture** technologies

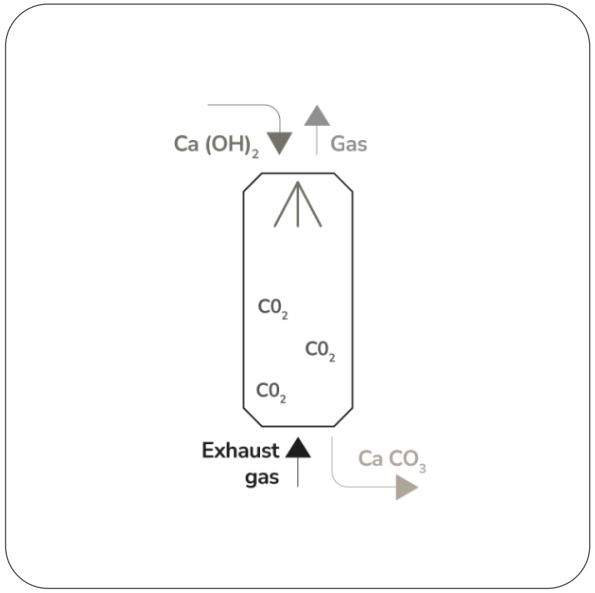
Amines



MCFC



$Ca(OH)_2$



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8TH EDITION 2023

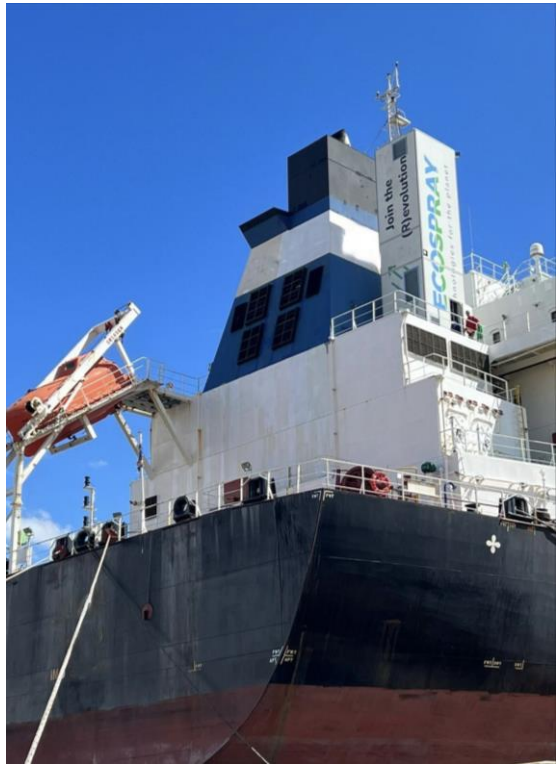
SEA FUTURE SUPERFUTURA

STRATEGIC SPONSOR FINCANTIERI

5/8 JUNE 2023 LA SPEZIA NAVAL BASE

GREEN&BLUE INNOVATION HUB

Amine and Calcium Hydroxide pilot plant



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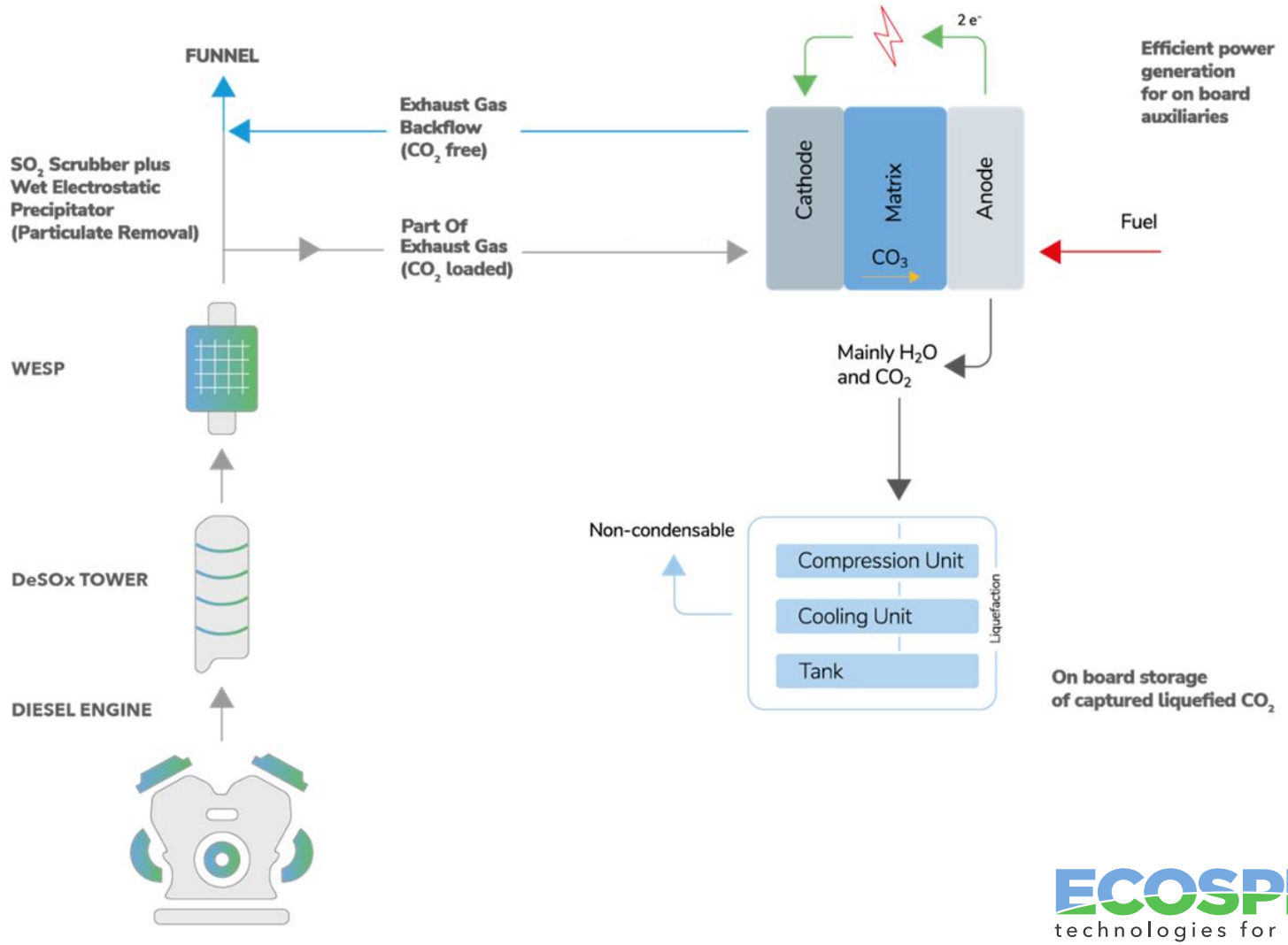
MCFC
Onboard application



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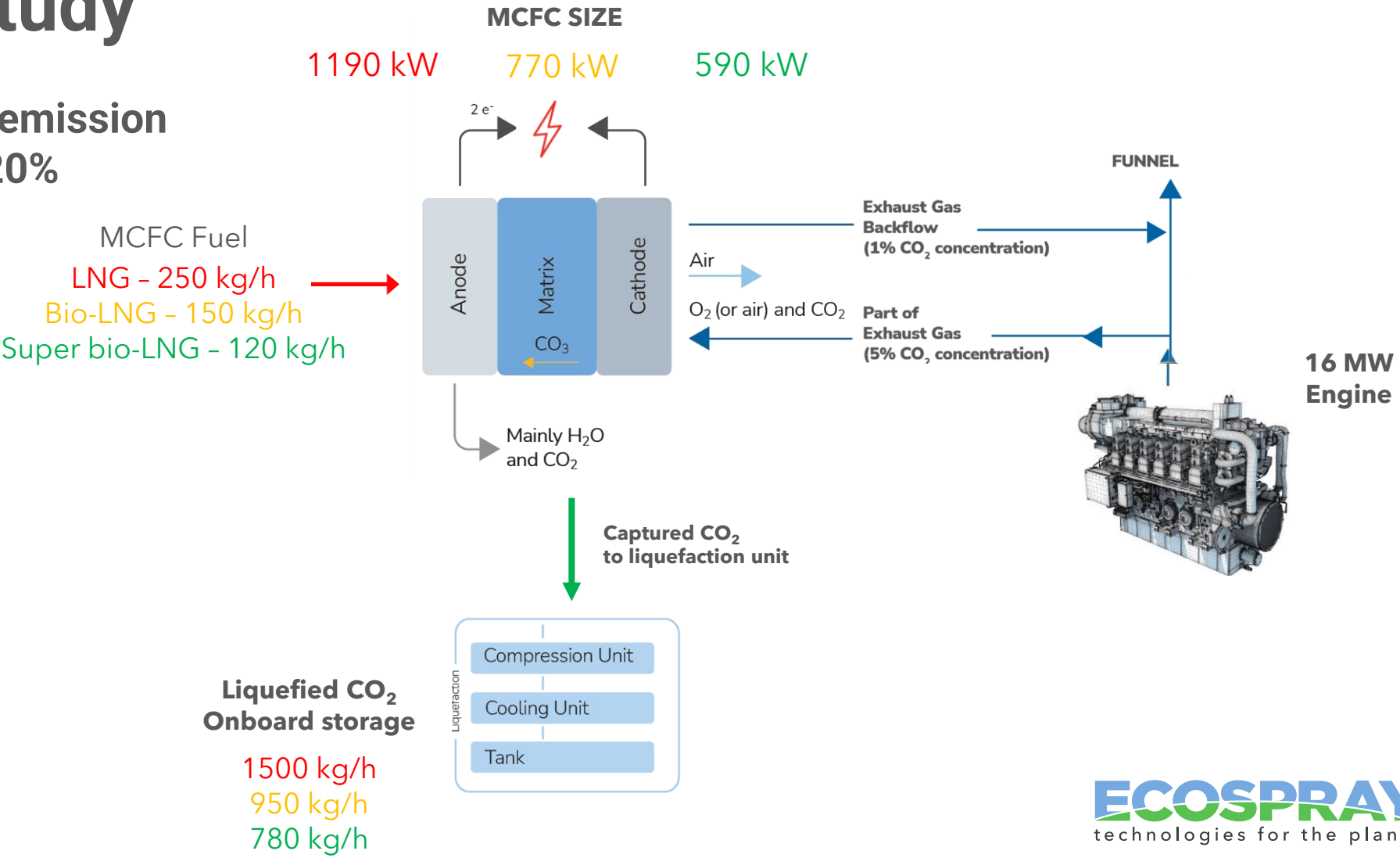
Case **study**

Target CO_2 emission reduction: 20%

MCFC SIZE

1190 kW 770 kW 590 kW



ECOSPRAY® technologies for the planet

CapLab

- Shared between **Ecospray** and the Department of Civil, Chemical and Environmental Engineering of the **University of Genoa**
- Aimed to the development of Electrochemical Cells for **Carbon Capture & Energy Transition** (Molten Carbonate Fuel Cells - MCFCs)
- **Research areas**: Capture of CO_2, production of clean energy, production and use of hydrogen, applications in maritime and land-based sectors, integration with renewable sources.

Join the (R)evolution

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